



# Indiana State Department of Health

## WEEKLY INFLUENZA REPORT

*Data as of Tuesday, December 23, 2014*

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Data Summary for Week Ending December 20, 2014 (Week 51)	
Percent of ILI reported by emergency department surveillance system	4.44%
Percent of ILI reported by sentinel surveillance system	7.54%
Number of specimens submitted for influenza testing at ISDH Laboratory	120
Percent of positive influenza specimens tested at ISDH Laboratory	82.5%
Number of influenza-associated deaths reported for this reporting week	3
Number of influenza-associated deaths reported for 2014-2015 season	5
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	5

### Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2014-2015 season.\*

Reporting Week	All Reporters %ILI (n)	Universities %ILI (n)	Non-Universities %ILI (n)
Week 51	7.54 (25)	5.84 (8)	7.94 (17)
Week 50	5.61 (35)	5.28 (12)	5.72 (23)
Week 49	3.45 (39)	2.46 (13)	3.79 (26)

***\*Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

**Sentinel reported influenza-like illness (ILI) by age category for Week 51 –  
Indiana, 2014-2015.**

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	50	9.52
5 –24	253	48.19
25–49	142	27.05
50–64	41	7.81
65+	39	7.43
<b>Total</b>	<b>525</b>	<b>100%</b>

*\*Data obtained from the ISDH Sentinel Influenza Surveillance System.*

*\*Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.*

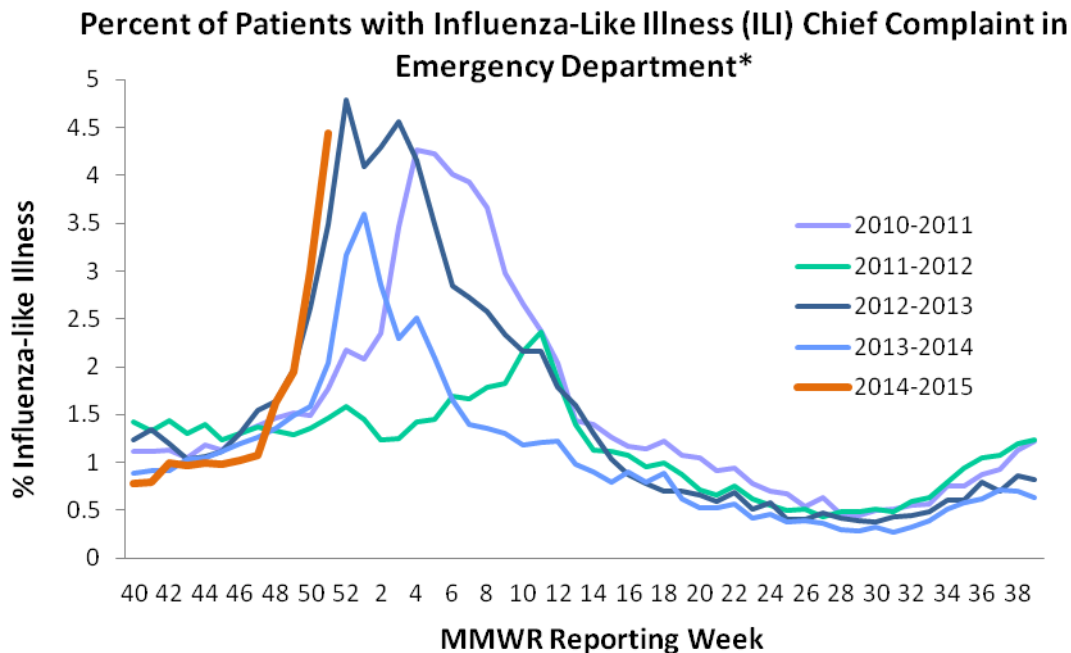
**Number of 2014-2015 reported deaths associated with laboratory  
confirmed influenza, by age category – Indiana, 2014-2015**

	Age category (yrs)	Week 51 Total	Season Total
<b>Number of deaths associated with influenza</b>	0-4	0	0
	5-18	0	0
	19-24	0	0
	25-49	0	0
	50-64	0	0
	65+	3	5
	Unknown	0	0
	<b>Total</b>	<b>3</b>	<b>5</b>

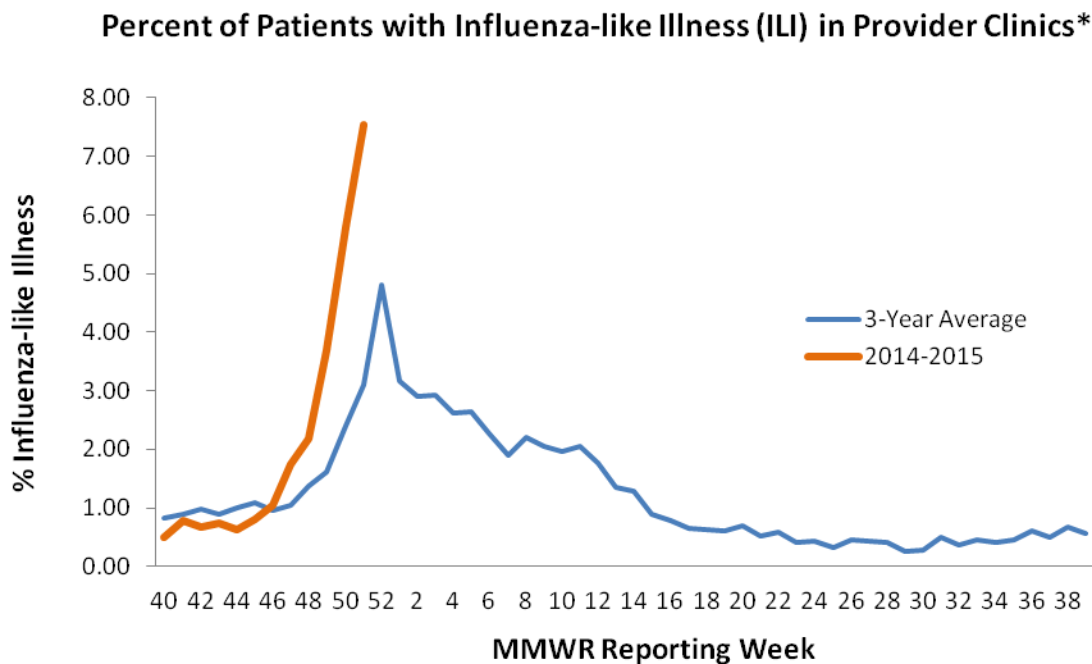
*This data is subject to change as information is updated, revised or corrected.*

**Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2014-2015.**

Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 51	4.44	7.54
Week 50	3.00	5.61
Week 49	1.94	3.45



*\*Data obtained from the Indiana Public Health Emergency Surveillance System.  
Number of sites reporting as of 12/23/14 = 115*



*\*Data obtained from the ISDH Sentinel Influenza Surveillance System.  
Number of sites reporting as of 12/23/14 = 25*

*ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2014-2015 influenza season.\**

<b>PCR Result</b>	<b>Week 51 total</b>		<b>2014 total</b>	
	<b>Number</b>	<b>Percent of specimens received</b>	<b>Number</b>	<b>Percent of specimens received</b>
<b>2009 A/H1N1pdm virus</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>
<b>Influenza A/H3 seasonal virus</b>	<b>99</b>	<b>82.5%</b>	<b>384</b>	<b>70.6%</b>
<b>Influenza A/H1 seasonal virus</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>
<b>Influenza B seasonal virus</b>	<b>0</b>	<b>0%</b>	<b>6</b>	<b>1.1%</b>
<b>Influenza negative</b>	<b>20</b>	<b>16.7%</b>	<b>132</b>	<b>24.3%</b>
<b>Inconclusive</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>
<b>Unsatisfactory specimen†</b>	<b>1</b>	<b>&lt;1%</b>	<b>22</b>	<b>4.0%</b>
<b>Influenza Co-infection<sup>Δ</sup></b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>
<b>Total</b>	<b>120</b>	<b>100%</b>	<b>544</b>	<b>100%</b>

<sup>Δ</sup> All previous-year co-infections have been influenza A/H3 and influenza B.

\*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled.

**OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:**

<b>Other Respiratory Viruses</b>	<b>Week 51</b>	<b>2014 Total (Since Oct. 1, 2014)</b>	<b>Early Surveillance (Sept 1-30, 2014)</b>
<b>Adenovirus</b>	<b>7</b>	<b>7</b>	<b>0</b>
<b>Coronavirus 229E</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Coronavirus HKU1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Coronavirus NL63</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Coronavirus OC43</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Enterovirus NOS</b>	<b>0</b>	<b>10</b>	<b>0</b>
<b>Enterovirus/Rhinovirus</b>	<b>0</b>	<b>12</b>	<b>188<sup>1</sup></b>
<b>Human Metapneumovirus</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Parainfluenza 1 Virus</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Parainfluenza 2 Virus</b>	<b>1</b>	<b>9</b>	<b>0</b>
<b>Parainfluenza 3 Virus</b>	<b>5</b>	<b>8</b>	<b>0</b>
<b>Parainfluenza 4 Virus</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Rhinovirus</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Respiratory Syncytial Virus</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>Total</b>	<b>16</b>	<b>50</b>	<b>188</b>

<sup>1</sup>Some specimens were tested outside of ISDH Laboratory

